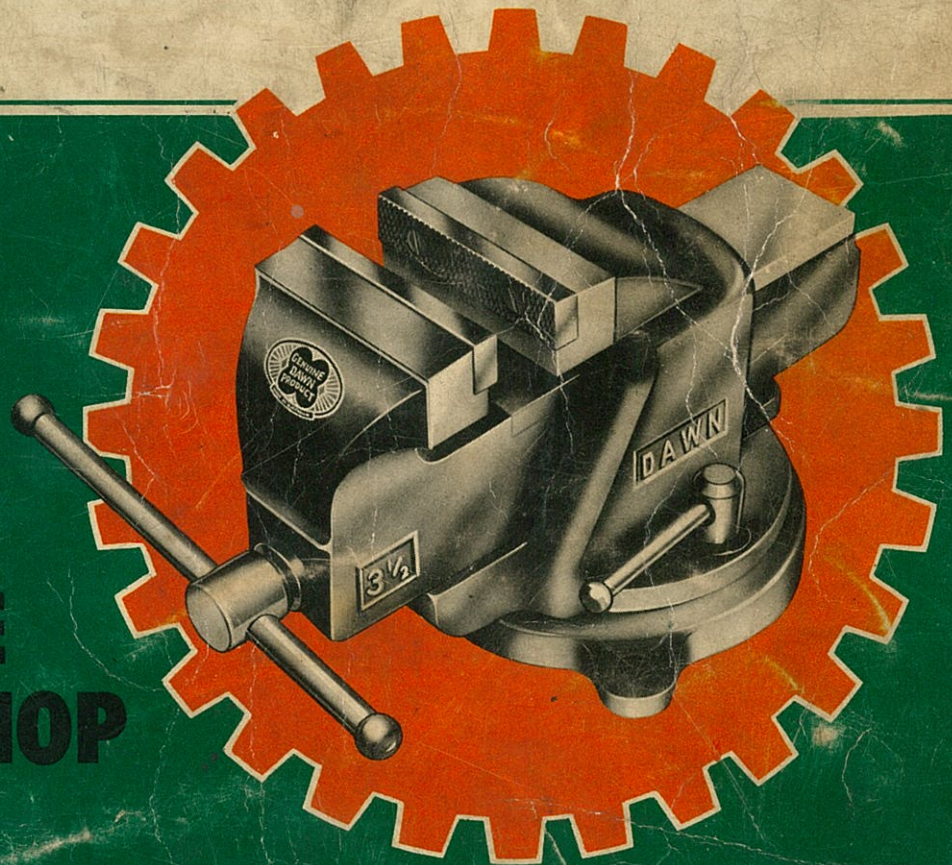




1969

FILERS VICE  
DROPPED

# "DAWN" "JAN" AND PRODUCTS



## FOR THE WORKSHOP

FACTORY and SALES OFFICE:

NORRIS STREET, NORTH COBURG, VICTORIA, 3058, AUSTRALIA



# "Dawn"

The Products of G. N. Raymond Limited – Engineering Division have maintained a prominent and enviable position in the Hardware and Tool Trade of Australia, New Zealand and many Overseas Countries.

The policy adopted by the Company of constant endeavour by test and research to incorporate and maintain the highest standards of strength and durability, gives assurance to Distributors to confidently and conscientiously recommend "DAWN" and "JAN" Tools and equipment.

The development of modern engineering demands maximum strength by scientific design and correct metallurgical practice and these principles are embodied in the fabrication of "DAWN" and "JAN" products.

This particularly applies to the very large range, comprising over sixty sizes and types of "DAWN" Vices, wherein with Fifty years of investigation and experience these essential qualities are achieved without recourse to old-fashioned methods of bulky dimensions and unnecessary weight.

"DAWN" Vices are amply and correctly proportioned, and are designed to distribute the factors of stress and leverage, without imposing excessive strain at any particular point.

The high tensile castings, generally termed Semi-Steel, are made in our own foundry, and are subject to periodical tests, both physical and analytical.

All "DAWN" and "JAN" products are unconditionally guaranteed against faulty material and workmanship.

The G. N. Raymond Ltd. – Engineering Division is appreciative of the responsive support, accorded by both Merchants and Users, to its policy of producing an All-Australian article to compare with the world's best.

## ABBREVIATIONS AND EXPLANATIONS

"LP" Light Pattern

"SP" Standard Pattern

"HP" Heavy Pattern

"M" Medium Pattern

"QA" Quick Action

"OS" Offset

"CMQA" Cabinet Makers – Quick Action

"JWW" Junior Woodworkers

"CMPS" Cabinet Makers – Plain Screw

Semi Steel Vices – Painted "Dawn" Red

All Steel Vices – Painted "Blue"





## G. N. RAYMOND LIMITED, ENGINEERING DIVISION

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Telegrams & Cables: "DAWNVICES" Melbourne

Phone: 35 1231 (Melbourne)

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**DOUGLAS R. BEER,**

232 King Street, Melbourne, Victoria, Australia.

Phone: 67 6474 (Melbourne)

Telegrams & Cables: "FANDAWN" Melbourne.

NEW SOUTH WALES:

**G. N. RAYMOND LTD.**

919 Botany Road, Mascot, 2020

Telephone: 67-4814 (Sydney)

QUEENSLAND:

**R. A. VENN PTY. LTD.,**

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NEW PHOTO (M) SDN., BHD.**

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44 Jalan Pudu, Kuala Lumpur.

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Phone: 40973 (Auckland)

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**SOLEX TOOL CORPORATION,**

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Phone: 20109 (Manila)

Telegrams & Cables: "SOLEXTOOL" Singapore.

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P.O. Box 1289, 123A Cecil Street, Singapore.

Phone: 95856 (Singapore)

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**THAI AUSTRAL TRADING LTD., PARTNERSHIP,**

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Phone: 811210 (Bangkok)

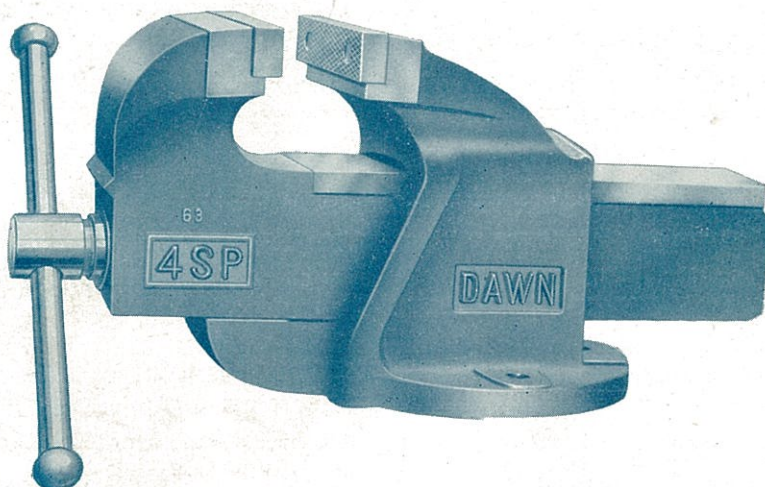
Telegrams & Cables: "NGOHMANU" Bangkok.



# RELIABLE "Dawn" PRODUCTS

## ★ PLAIN SCREW VICES

(SEMI-STEEL)



Castings are of high grade Semi-Steel. The nut (which receives the greatest wear) is replaceable. The plain screw range embraces fourteen sizes.

THE SIZE DENOTES WIDTH OF JAWS

Size	Code No.	Maximum Opening	Weight Lbs.	Size	Code No.	Maximum Opening	Weight Lbs.
2½"	9001	2¾"	7½	4½" SP	9007	5-5/8"	42
3"	9002	3-3/8"	12	5" LP	9008	5-5/8"	42
3½"	9003	4-1/8"	21	5" SP	9009	6-5/8"	56
4" LP	9004	4¾"	22	6" SP	9010	7½"	72
4" SP	9005	5½"	35	<del>6" HP</del>	9011	8-5/8"	126
<del>4" HP</del>	9006	6"	46	<del>7" HP</del>	9012	9-3/8"	130
4½" Garage Special	9014	6¾"	56	8" HP	9013	10"	143

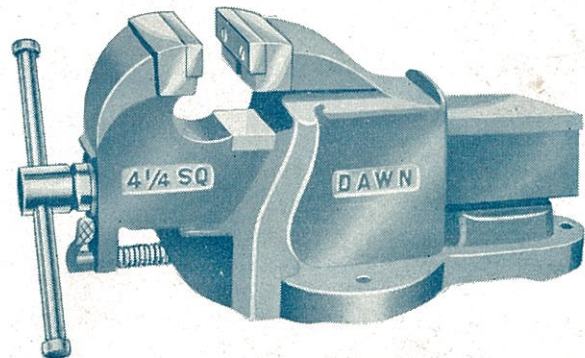


# RELIABLE "Dawn" PRODUCTS

## ★ QUICK ACTION VICES

(SEMI-STEEL)

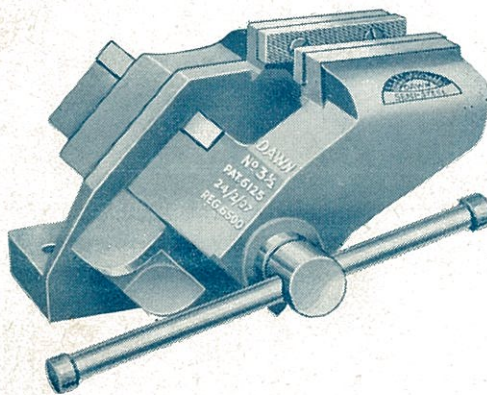
The simple, quick-action mechanism enables the jaws to be instantaneously set to take any required width of job.



The undercut buttress threaded screw and phosphor bronze nut are a snugly machined fit to ensure positive gripping action. High-grade Semi-Steel Castings. Made in eleven sizes.

THE SIZE DENOTES WIDTH OF JAWS

Size	Code No.	Maximum Opening	Weight Lbs.	Size	Code No.	Maximum Opening	Weight Lbs.
<del>3 1/4"</del>	9021	4-3/8"	34	<del>6"L</del>	9027	7 1/4"	80
<del>3 3/4"</del>	9022	5-7/8"	50	6"S	9028	8"	92
4"S	9023	4-3/8"	36	<del>6"H</del>	9029	8-5/8"	126
4 1/2"S	9024	6-7/8"	63	<del>7"H</del>	9030	9-3/8"	130
<del>5"L</del>	9025	5-7/8"	54	8"H	9031	10"	145
5"S	9026	7 1/4"	77				



## ★ OFF-SET VICES

(PLAIN SCREW — SEMI-STEEL)

This design has become very popular, because of the facility it provides for holding long vertical work with the full width of the jaws. The body and slide

castings are of "DAWN" Semi-Steel, and the nut is replaceable. Made in six sizes.

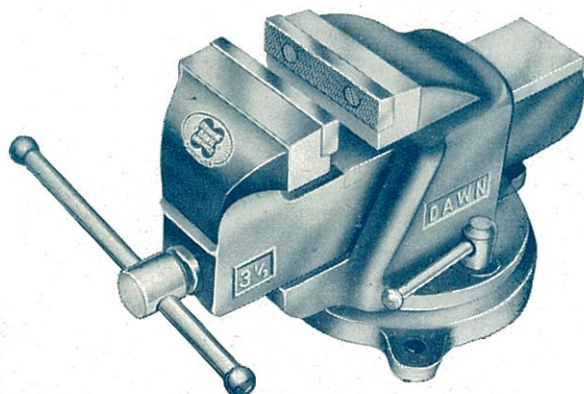
THE SIZE DENOTES WIDTH OF JAWS

Size	Code No.	Maximum Opening	Weight Lbs.	Size	Code No.	Maximum Opening	Weight Lbs.
3"	9041	3 1/4"	25	4 1/2"	9044	6"	63
3 1/2"	9042	4 1/4"	34	5"	9045	6 1/2"	85
4"	9043	5 1/2"	54	6"	9046	7 1/2"	114

*Construction similar to plain screw heavy*



# RELIABLE "Dawn" PRODUCTS



## ★ SWIVEL BASE VICES

(PLAIN SCREW)

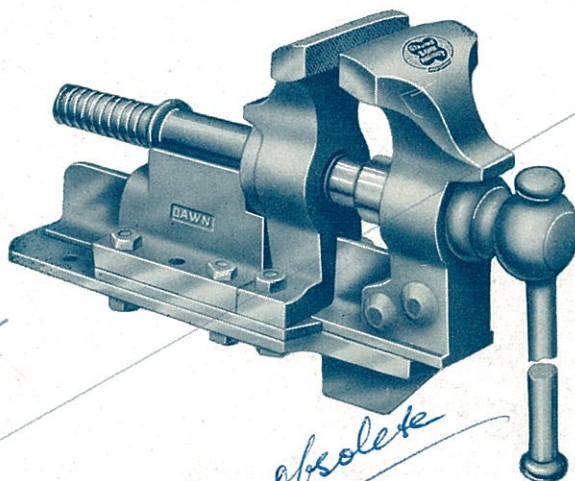
The sturdily constructed swivel base enables the operator to swing the vice to any desired lateral position where it can be readily locked with the two holding down screws. Made in nine sizes.

THE SIZE DENOTES WIDTH OF JAWS

Size	Code No.	Maximum Opening	Weight Lbs.	Size	Code No.	Maximum Opening	Weight Lbs.
2½"	9181	2¾"	9	4½"SP	9185	5½"	51
3"	9182	3-3/8"	14½	5"SP	9186	6-5/8"	66
3½"	9183	4-1/8"	25	6"SP	9187	7½"	88
4"LP	9188	4¾"	26	8"HP	9190	10"	180
4"SP	9184	5½"	40				

## ★ STEEL "T" BAR VICES

Cast steel jaws with hardened serrated faces mounted on mild steel base plate, and mild steel "T" section slide bar.



THE SIZE DENOTES WIDTH OF JAWS

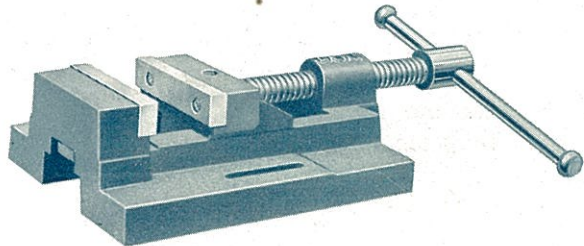
Size	Code No.	Maximum Opening	Weight Lbs.	Size	Code No.	Maximum Opening	Weight Lbs.
4"	9086	6"	56	7"	9089	10"	163
5"	9087	8"	80	8"	9090	11"	196
6"	9088	9"	124				



# RELIABLE "Dawn" PRODUCTS

## ★ MACHINE VICES

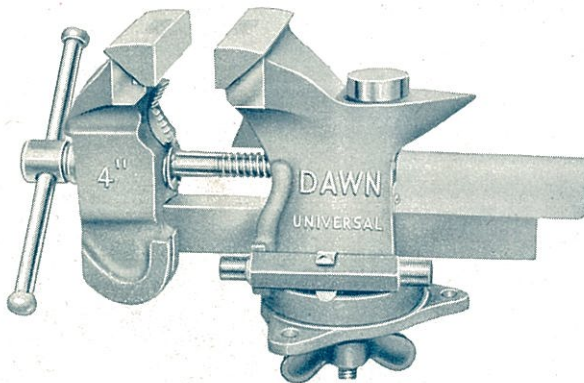
(SEMI-STEEL)



Fitted with plain screw. This type of vice for machine shop use has accurately machined slide faces, and is equipped with hardened steel parallel jaws. The bottom of base is machined and slots are provided for holding down bolts.

THE SIZE DENOTES WIDTH OF JAWS

Size	Code No.	Maximum Opening	Height of Jaws	Weight Lbs.
3 $\frac{1}{4}$ "	9081	2 $\frac{1}{4}$ "	1-1/16"	9 $\frac{1}{2}$ "
4"	9082	4-5/8"	1-7/16"	24"
5"	9083	10"	1 $\frac{3}{4}$ "	44"



## ★ UNIVERSAL VICE

(Code No. 9189)

This vice is ideally suited for Garage use as well as for the Home craftsman.

Width of Jaws ..... 4"  
 Maximum Opening ..... 4 $\frac{1}{2}$ "  
 Weight ..... 21 lbs.  
 Pipe Jaws will hold pipe up to 1 $\frac{1}{2}$ " outside diameter.

Features:—

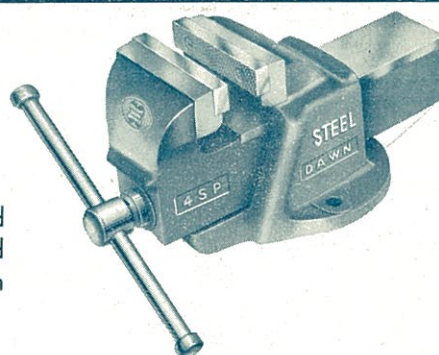
- Vice will swivel full 360°
- Offset Jaws to take work vertically
- Hardened steel Anvil
- High tensile steel Slide
- Pipe Grips with hardened Steel Jaw
- Tubing and Rod Bender
- Cylinder Head Holding Plug for use when Valve Grinding etc. (Screwed English and American Plug Threads)
- Clip on plastic Jaws to obviate marking precision work
- Finished "Dawn" Gloss Red
- Vice carries usual "Dawn" Guarantee as to material and workmanship.



# RELIABLE "Dawn" PRODUCTS

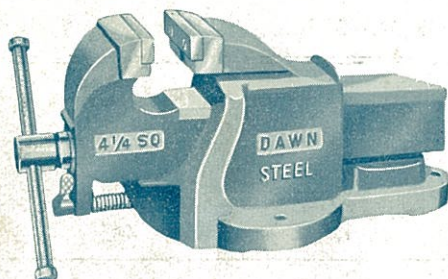
## ★ SOLID CAST STEEL PLAIN SCREW VICES

These vices are recommended for particularly hard usage. They are made of electric steel castings and are unbreakable. The plain screw range is made in four sizes.



THE SIZE DENOTES WIDTH OF JAWS

Size	Code No.	Maximum Opening	Weight Lbs.	Size	Code No.	Maximum Opening	Weight Lbs.
4"	9051	5½"	30	5"	9053	6-5/8"	49
4½"	9052	5-5/8"	36	6"	9054	7½"	64



## ★ SOLID CAST STEEL QUICK ACTION VICES

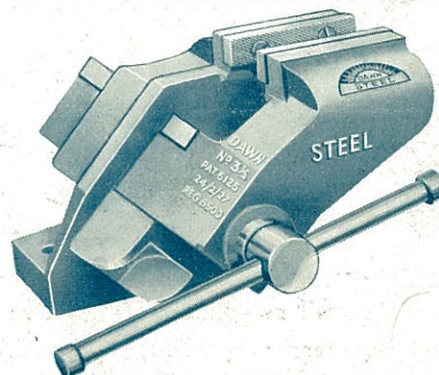
Made in three standard sizes. These vices are constructed with the same unbreakable qualities as the plain screw, but the quick release enables rapid adjustment for holding various sizes of work.

THE SIZE DENOTES WIDTH OF JAWS

Size	Code No.	Maximum Opening	Weight, Lbs.
4¼"	9061	6-7/8"	56
5¼"	9062	7¼"	69
6"	9063	8¾"	84

## ★ SOLID CAST STEEL OFFSET VICES

A popular Vice for use in industry because of the facility provided for holding long vertical work with the full width of jaws. The solid electric castings give positive grip without springing. Made in four sizes.



THE SIZE DENOTES WIDTH OF JAWS

Size	Code No.	Maximum Opening	Weight, Lbs.
4"	9071	6¼"	57
4½"	9072	6¾"	63
5"	9073	6¾"	74
6"	9074	7"	103



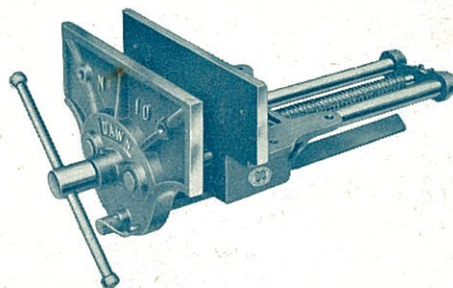
# RELIABLE "Dawn" PRODUCTS

## ★ WOODWORKERS VICES

(QUICK ACTION AND PLAIN SCREW)

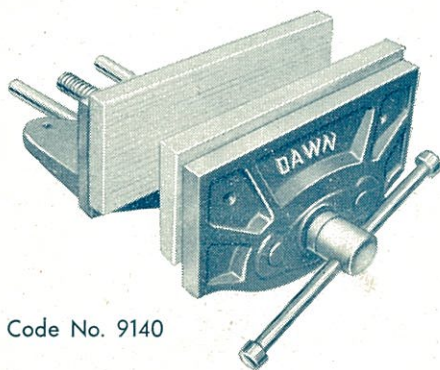
These Vices are designed with generous jaw area and are the approved standard for wood-workers' use. The slide bars are of ample proportioned bright steel, running in accurately bored guide holes.

The quick action type provides for speedy operation on work of varying dimensions. Both the quick-action and plain screw are made in four sizes.



THE SIZE DENOTES WIDTH OF JAWS

Size	Code No.		Maximum Opening	Size	Code No.		Maximum Opening
	Plain Screw	Quick Action			Plain Screw	Quick Action	
7"	9132	9136	9"	9"	9134	9138	12"
8"	9133	9137	9"	10"	9135	9139	12"



Code No. 9140

## ★ HOME CARPENTER VICE KIT

Features of this product are as follows:—

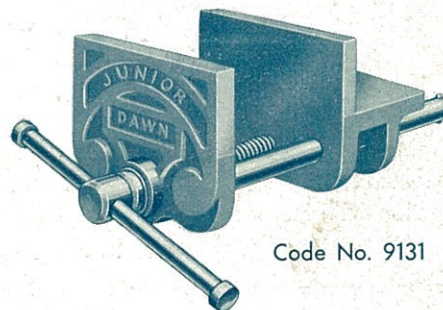
6" Width of Jaw, 6" Opening, 2½" Depth of Jaw, Weight, 6½ lbs. — Nickel-plated Slide Bars and Screw — Spring-loaded Screw — Four screw holes for mounting under Bench — Two Wooden Jaw Liners Supplied — Eight Countersunk Screws supplied in plastic container — "Dawn" Red Baked Enamel

Gloss Finish — Individually boxed. Packed Six to Master Carton — All parts interchangeable. Vice carries usual "Dawn" guarantee.

## ★ Junior Woodworkers Vices

(PLAIN SCREW)

The "Dawn" Junior is very strongly designed, and is constructed with the same precision as the larger standard woodworkers' vices. The slide bars are of bright mild steel, running in accurately bored guide holes. Machine cut screw and replaceable nut. This vice is built to stand hard work and is admirably suited to the use of the home carpenter. It is also a very popular and useful Xmas or Birthday present for the growing boy.

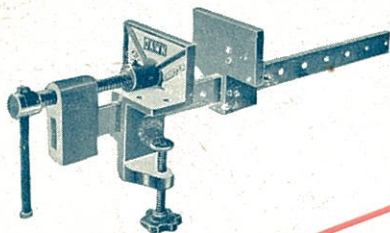


Code No. 9131

Width of Jaw	.....	.....	.....	5 inches	Maximum Opening	.....	.....	.....	7 inches
Depth of Jaw	.....	.....	.....	2½ inches	Weight	.....	.....	.....	9 pounds



# RELIABLE "Dawn" PRODUCTS



## ★ GRIPPER VICE

(COMBINED VICE AND SASH CRAMP)

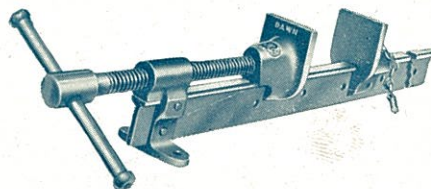
This combination is pronounced by carpenters and joiners to be one of the handiest tools on the bench, and is particularly adapted for the home-craftsman. It can be cramped on almost anywhere—the kitchen table, the bench, stool or rail. The jaws are 5" wide and 3" deep. Made in five standard lengths, but longer bars can be supplied to order.

SIZE & CODE No: 24" bar, 9141; 30" bar, 9142; 36" bar, 9143; 42" bar, 9144; 48" bar, 9145

## ★ JOINER CRAMPS

(TEE BAR SECTION)

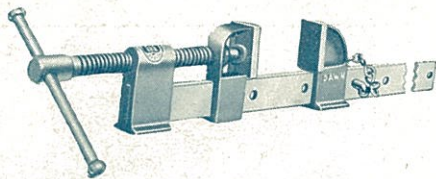
(Made in Two Patterns—Light and Heavy)



The T Section Bars are of steel especially rolled for the purpose, the jaw edges brightly polished. The malleable fittings have been given increased length, and attention is drawn to the extra heavy section around the T slot of the jaw castings, where the strain is greatest.

SIZE DENOTES OVERALL MEASUREMENT

Size	Code No.		Max. Open.	Size	Code No.		Max. Open.	Size	Code No.		Max. Open.
	Light	Heavy			Light	Heavy			Light	Heavy	
24"	9231	9251	18"	54"	9236	9256	48"	84"	9241	9261	78"
30"	9232	9252	24"	60"	9237	9257	54"	90"	9242	9262	84"
36"	9233	9253	30"	66"	9238	9258	60"	96"	9243	9263	90"
42"	9234	9254	36"	72"	9239	9259	66"	102"	—	9264	96"
48"	9235	9255	42"	78"	9240	9260	72"	108"	—	9265	102"



## ★ JOINER CRAMPS

(RECTANGULAR BAR SECTION)

(Made in Two Patterns—Light and Heavy)

With bright steel bar (Light Pattern  $1\frac{1}{4}$ " x  $\frac{1}{4}$ " Section. Heavy Pattern  $1\frac{1}{2}$ " x  $5/16$ " section); best malleable fittings; the nut and sliding box sections are of an extra length to provide easy action with increased strength and rigidity; mild steel machined screw and handle.

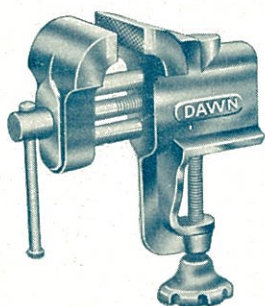
SIZE DENOTES OVERALL MEASUREMENT

Size	Code No.		Maximum Opening		Size	Code No.		Maximum Opening	
	Light	Heavy	Light	Heavy		Light	Heavy	Light	Heavy
24"	9280	9300	18"	18"	48"	9284	9304	42"	42"
30"	9281	9301	24"	24"	54"	9285	9305	48"	48"
36"	9282	9302	30"	30"	60"	9286	9306	54"	54"
42"	9283	9303	36"	36"					



# RELIABLE "Dawn" PRODUCTS

## ★ STEEL GUIDE VICE



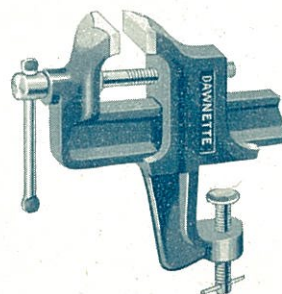
Code No. 9340

Width of Jaw, 2"

Maximum Opening, 2"

Weight, 3½ lbs.

## ★ DAWNETTE



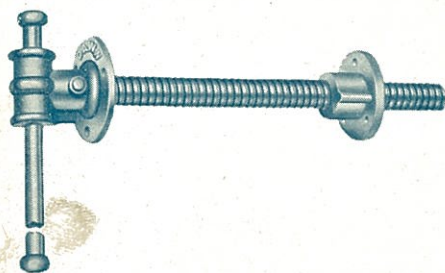
Code No. 9345

Width of Jaw, 2"

Maximum Opening, 2"

Weight, 3 lbs.

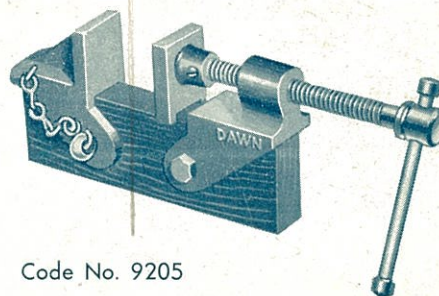
## ★ Carpenters Bench Screws



The screw and handle are of best mild steel, with particularly sturdy fittings. Attention is drawn to the strong full circle thrust flange on the nut.

Diameter of Screw	Code No.	Length from Collar	Length of Thread
1"	9150	16"	13"
1-1/8"	9151	16"	13"
<del>1 1/4"</del>	9152	16"	13"

## ★ CRAMP HEAD FITTINGS



Code No. 9205

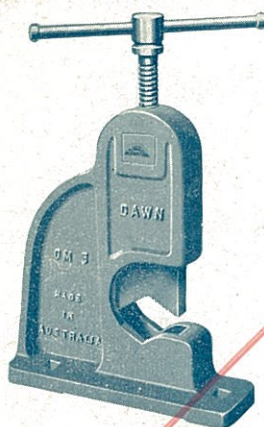
These fittings can be readily mounted by the user on a 2" x 1" or 3" x 1" hardwood batten of any length, thereby providing a cramp of whatever capacity is desired.

Size of Jaws, 1¾" x 1-5/8"



# RELIABLE "Dawn" PRODUCTS

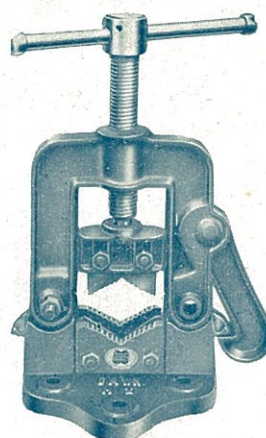
## PIPE VICES



**OPEN MOUTH  
TYPE**

This heavy pattern pipe vice is cast in "Dawn" Semi-Steel, and is amply proportioned for hard use. A feature of the "Dawn" design is the replaceable nut, which adds to the life of the vice. The sliding jaw is of cast-steel with machine cut hardened teeth. Made in four sizes.

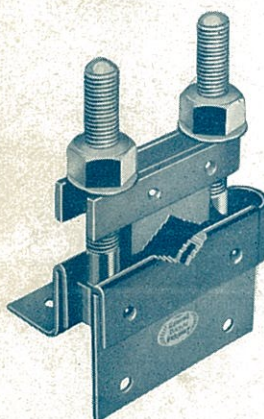
Size	Code No.	Takes Pipe to	Weight, Lbs.
OM 1	9111	1½" dia.	18
OM 2	9112	2" dia.	38
OM 3	9113	3" dia.	50
OM 4	9114	4" dia.	89



**HINGE TYPE**

Malleable iron castings, self-locking frame and hardened steel jaws. Made in three sizes.

Size	Code No.	Takes Pipe to
H2	9121	2" dia.
H2½	9122	2½" dia.
H4½	9123	4½" dia.



**POST TYPE**

Particularly suitable for inclusion in the plumber's tool kit, this design is made of pressed steel with hardened steel jaws—light, compact and strong. Made in three sizes.

Size	Code No.	Takes Pipe to
P.1	9091	1½" dia.
P.2	9092	2" dia.
<del>P.3</del>	9093	3" dia.



**CHAIN TYPE**

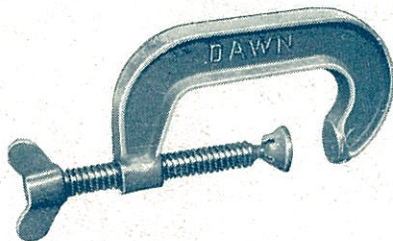
This sturdy compact design is a very popular plumber's tool. Cast steel, machine cut hardened jaws. Grips firmly and is speedily operated. Made in three sizes.

Size	Code No.	Takes Pipe to	Weight, Lbs.
C.2	9101	2" dia.	4
C.4	9102	4" dia.	10
C.6	9103	6" dia.	19



# RELIABLE "Dawn" PRODUCTS

## ★ MALLEABLE "G" CLAMPS

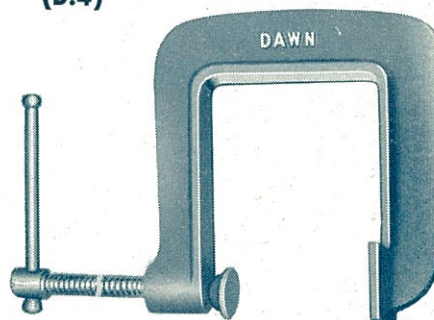


Dawn "G" Clamps are of a deep throated heavy section design for strength and rigidity. Machine cut screw with swivel button. Attractively finished for display purposes in bright "Dawn" red.

SIZE DENOTES OPENING

Size	Code No.	Centre of Screw to Back	Size	Code No.	Centre of Screw to Back
2½"	9210	1¾"	6"	9214	2¾"
3"	9211	1¾"	8"	9215	3-3/8"
4"	9212	2"	10"	9216	3-7/8"
5"	9213	2-5/8"	12"	9217	4-3/8"

## ★ DEEP THROATED CLAMP (D.4)



Specially designed for Boat Building, Boilermaking, Truck Body Building, etc., where a Deep Throated Clamp is required.

- \*Steel Casting of Heavy Section.
- \*Machine Cut Screw with Swivel Button.
- \*Size denotes Maximum opening in inches.
- \*Depth from centre of Screw to back, 6¼".
- \*Attractive "Dawn" Gloss Red Finish.
- \*WEIGHT—6 lbs.

## ★ QUICK ACTION CLAMPS

\*A very useful clamping medium used by Carpenters, Cabinet-makers, Engineers, Welders, Boilermakers, etc.

\*A Self Locking Tool with pressure adjustable, either Light or Heavy, by unbreakable Plastic or Wooden Handle Grip.

\*Instant adjustment to required capacity.

\*Size of Clamp indicates capacity.

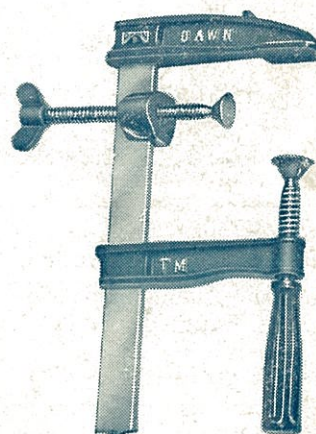
TYPE AND CODE No.

6" T.L. (9361) — 8" T.L. (9362)

With 1" x ¾" Bright Steel Bar with Bevelled and Serrated edge.

9" T.M. 10" T.M. 12" T.M. 15" T.M. 18" T.M. 20" T.M. 24" T.M.  
9363 9360 9364 9365 9366 9367 9368

With 1½" x 5/16" Bright Steel Bar as above.

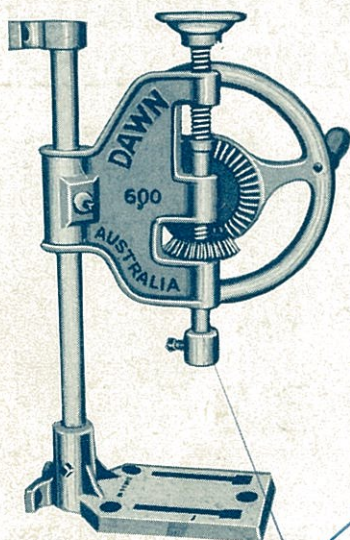


\*Individually cartoned in attractive Boxes with illustrations of Clamp on front and usages on back. Labelled each end for shelf display. Dawn Red enamelled finish.

\***E.M. ATTACHMENT** (Extension Medium) illustrated, attached to Steel Bar of Clamp for use when pressure is required at right angle to Clamping pressure. Fits T.M. Clamps only.  
(Code No. 9371)



# RELIABLE "Dawn" PRODUCTS



## ★ DRILLING MACHINES

(COMBINED BENCH OR POST)

**No. 600** Code No. 9155

This sturdy little machine is designed to be fixed to either bench or post, and is admirably suited for the home work-shop, both in efficiency and price. The head has radial and vertical adjustment and gives a maximum clearance of 10 inches between base and end of spindle. Hand feed.

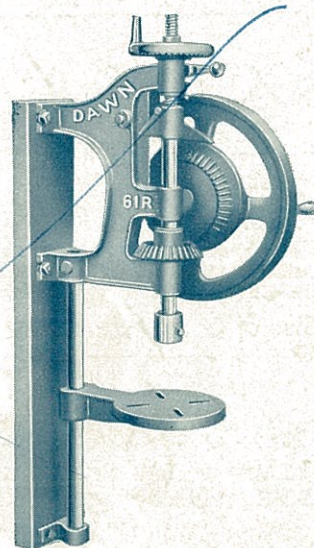
Drills to Centre .....	9" circle	Height of Pillar .....	20"
Drills Holes to .....	$\frac{3}{4}$ " dia.	Base .....	7" x 5"
Run of Feed .....	2"	Chuck Bored for $\frac{1}{2}$ " Straight Shank.	
Diameter of Spindle .....	$\frac{3}{4}$ "	Weight .....	29 lbs.
Diameter of Pillar .....	1"		

## ★ DRILLING MACHINES

(POST TYPE — With Flywheel fitted to Main Spindle)

**No. 61R** Code No. 9156

This is a well-constructed, light type drilling machine, fitted with adjustable automatic feed. The main spindle assembly is identical with that of the "DAWN" No. 611, featuring the "Improved Dawn Coupler and Ball Bearing Thrust." The Flywheel is of particularly heavy design to maintain momentum.



Drill to Centre .....	12" circle	Diameter of Spindle .....	$\frac{7}{8}$ "
Drills Holes to .....	1" dia.	Diameter of Pillar .....	1"
Run of Feed .....	3"	Chuck Bored for $\frac{1}{2}$ " Straight Shank.	
Run of Table .....	11"	Weight .....	51 lbs.



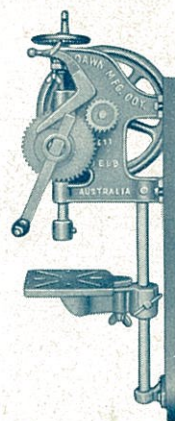
# RELIABLE "Dawn" PRODUCTS

## ★ DRILLING MACHINES

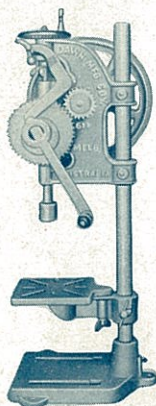
(POST TYPE WITH GEAR DRIVEN FLYWHEEL)

**No. 611** Code No. 9157

Ruggedly constructed, with accurately reamed bearings. The coupling between the main spindle and feed screw engages the full circumference of the spindle, and embraces a ball-bearing thrust race. The pillar, as in all "Dawn" Drilling machines, is a solid bright steel bar in place of the usual light tubing. Adjustable automatic feed. F. & L. Pulleys extra if required. (Pulley diameter, 6" x 1½" face). Maximum speed, 200 r.p.m.



Drill to Centre .....	12" cir.	Diameter of Spindle .....	7/8"
Drills Holes to .....	1¼" dia.	Diameter of Pillar .....	1-1/8"
Run of Feed .....	3"	Chuck Bored for ½" Straight Shank.	
Run of Table .....	11"	Weight .....	65 lbs.



## ★ DRILLING MACHINES

(BENCH TYPE)

**No. 611** Code No. 9158

This machine is of the same capacity as the 611 Post Type, but fitted with a wide slotted base for bolting to the bench, and a heavy back pillar.

Drill to Centre .....	12" cir.	Diameter of Spindle .....	7/8"
Drills Holes to .....	1¼" dia.	Diameter of Pillar .....	1½"
Run of Feed .....	3"	Chuck Bored for ½" Straight Shank.	
Run of Table .....	11"	Weight .....	82 lbs.

## ★ DRILLING MACHINES

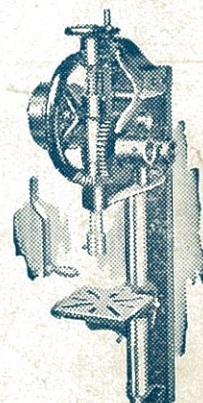
(POST TYPE — Ball Bearing Automatic Feed)

A heavier type of machine, geared for two speeds.

**No. 616** Code No. 9161

Fast and loose pulleys for belt drive are extra and only supplied when specified. Maximum speed, 200 r.p.m.

Drill to Centre .....	16" cir.	Diameter of Spindle .....	1-1/8"
Drills Holes to .....	1½" dia.	Diameter of Pillar .....	1½"
Run of Feed .....	3½"	Chuck Bored for ½" Straight Shank.	
Run of Table .....	15"	Weight .....	126 lbs.





# RELIABLE "Dawn" PRODUCTS

## LIFTING JACKS



### BROAD BASE, LOW LIFT

Size	3 ton	6 ton
Minimum Height	9½"	9"
Maximum Height	13½"	12½"
Diameter of Screw	1¾"	2"
Diameter of Base	7"	8½"
Weight	19 lbs.	30 lbs.
Code No.	9325	9326



### NARROW BASE, HIGH LIFT

Size	1 ton	3 ton	5 ton	10 ton
Minimum Height	9"	15"	20"	24"
Maximum Height	13"	24"	29"	36"
Diameter of Screw	1-1/8"	1-5/8"	1¾"	2"
Diameter of Base	4½"	7"	7"	7"
Weight	8¼ lbs.	27 lbs.	39 lbs.	56 lbs.
Code No.	9320	9321	9322	9323



10 Ton



### NARROW BASE, LOW LIFT

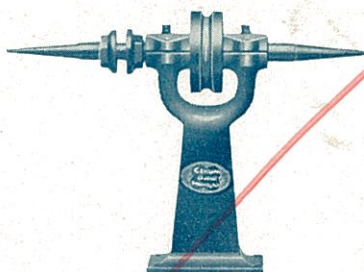


Size	3 ton
Minimum Height	6¼"
Maximum Height	8¾"
Diameter of Screw	1-5/8"
Diameter of Base	4½"
Weight	8 lbs.
Code No.	9324



# RELIABLE "Dawn" PRODUCTS

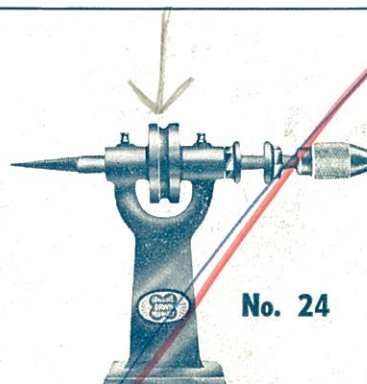
## GRINDING AND POLISHING HEADS



**No. 22**

(Code No. 9171)

Double polishing spindle and one set of flanges for  $\frac{3}{4}$ " thick grinding wheels.



**No. 24**

(Code No. 9172)

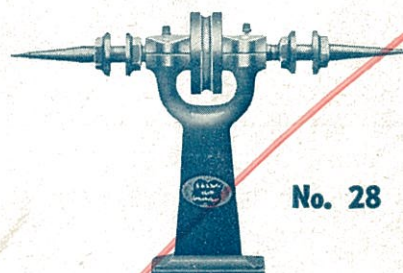
Single polisher; other end with pair of flanges and drill chuck. Height to centre of spindle, 6". Diameter of spindle,  $\frac{1}{2}$ ". Diameter of pulley,  $2\frac{1}{4}$ ".



**No. 26**

(Code No. 9173)

Double end grinding spindle. Two sets of flanges to take  $\frac{3}{4}$ " thick grinding wheels.



**No. 28**

(Code No. 9174)

Double end grinding and polishing spindle. Two sets of flanges for  $\frac{3}{4}$ " thick wheels. Height to centre of spindle, 6". Diameter of spindle  $\frac{1}{2}$ ". Diameter of pulley,  $2\frac{1}{4}$ ".



# RELIABLE *"Dawn"* PRODUCTS

## ★ EMERY DRESSER

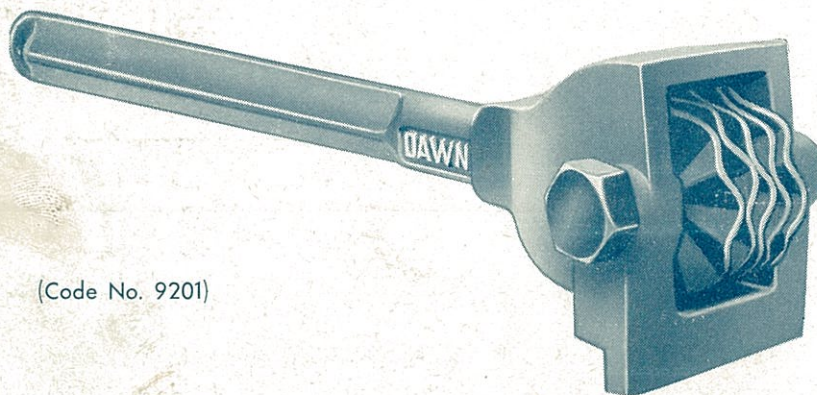


(Code No. 9200)

This medium Pattern Emery Handle is recommended for general purpose wheel dressing, where it is essential to keep the wheel face open. Designed to take Standard "O" Dresser Wheels. "Dawn" Red Gloss finish. Weight, 2 lbs.

## ★ HEAVY DUTY EMERY DRESSER

(COMPLETE)



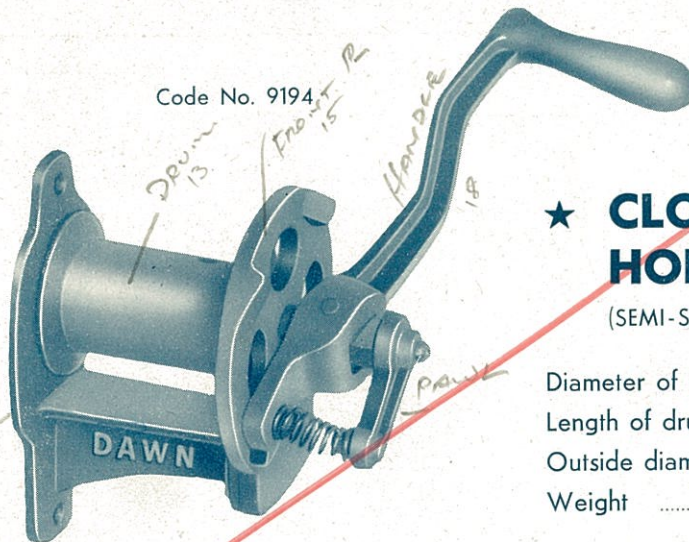
(Code No. 9201)

Rugged Cast Body and Handle, with corrugated high quality Hardened Steel Cutters, running on special hardened Steel Spindle. This mechanical Dresser is provided with a special rest for use on a Grinding Wheel which has become oval. Attractive "Dawn" Red Gloss Finish. Weight, 6½ lbs.

**Spare H.D. Wheels for above (Sets of 5) — Code No. 9202.**



# RELIABLE "Dawn" PRODUCTS



## ★ CLOTHES LINE HOIST

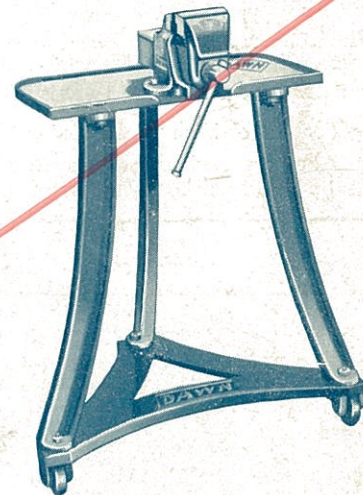
(SEMI-STEEL)

Diameter of drum	.....	2"
Length of drum	.....	2½"
Outside diameter of flange	.....	2¾"
Weight	.....	6½ lbs.

This handy little Ratchet Hoist was originally designed for raising clothes lines. Recently, however, further applications have emerged such as lifting Theatre Curtains and television antennas. Finished in Gloss Green.

## ★ PORTABLE VICE BENCHES

Code No. 9130



This is a popular and time saving item of Garage and Workshop equipment. The triangular base is fitted with rollers at the two forward extremities, and by tilting forward the bench can be readily wheeled to any desired position alongside the job. The blunt peg under the rear point of the base effects a steady foundation. The bench is wholly constructed of best grey cast iron and weighs 120 lbs. The table dimensions are 24" x 12".

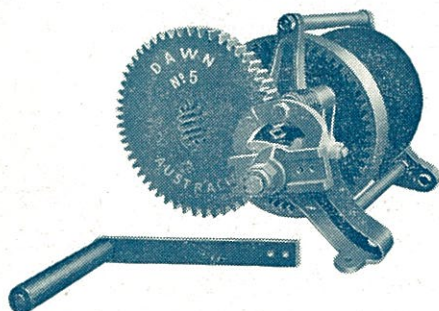


# RELIABLE "Dawn" PRODUCTS

## ★ ALL STEEL HAND WINCHES

No. 2 and No. 5 Winches are approved by Lifts and Cranes regulations and to S.A.A. Crane and Hoist code.

### No. 5 (Code No. 9193)

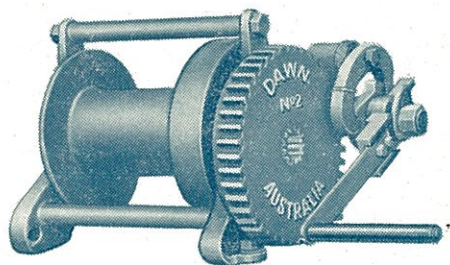


★ Capacity – Safe working Load – Cwts.	55
Material of Winch	Steel (45 Tons Tensile)
Diameter Of Drum – Inches	5-5/8"
Length Of Drum – Inches	10"
☆ Speed Ratio – High	4.3 to 1
– Low	24 to 1
Drum Wire Capacity – Feet	250ft.
Rope Diameter – Inches	9/16"
Rope Construction	6/26 WF IWRC
Weight – Lbs.	134 Lbs.
Approximate Dimensions	
Excluding handle – Inches	20" x 17" x 15"
Effort required on	
Handle to raise Full Load	39 Lbs.

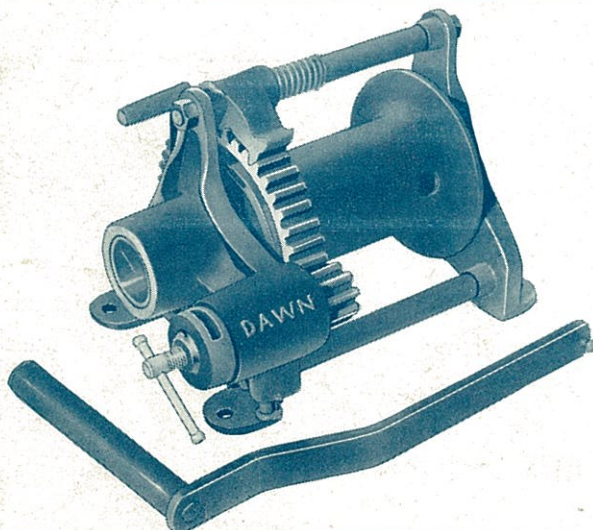
★ Capacity – Safe working Load – Cwts.	25
Material of Winch	Steel (45 Tons Tensile)
Diameter of Drum – Inches	4"
Length of Drum – Inches	8"
☆ Speed Ratio – High	4 to 1
– Low	22 to 1
Drum Capacity – Feet	120ft.
Rope Diameter – Inches	3/8"
Rope Construction	6/26 WF IWRC
Weight – Lbs.	76 Lbs.
Approx. Dimensions Excl. Handle – Inches	15" x 13" x 11"
Effort Required on Handle to Raise Full Load	37 Lbs.

- ☆ For use of High Speed Ratio, additional Pinion and Extension Shaft is required.
- ★ Above capacities are governed by a single fall of rope, however safe working load can be increased by different pulley block arrangements.

### No. 2 (Code No. 9192)



### No. 1 (Code No. 9191)

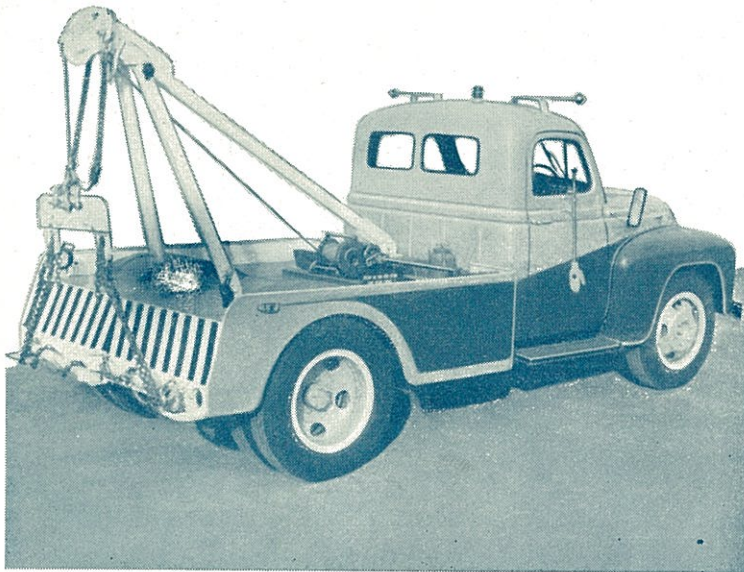


Capacity – Cwts.	10
Material of Winch	Steel (45 Tons Tensile)
Diameter of Drum – Inches	3 1/2"
Length of Drum – Inches	6"
Speed Ratio – High	Direct onto Drum Shaft
– Low	4.2 to 1
Drum Capacity – Feet	80ft.
Rope Diameter – Inches	5/16"
Rope Construction	6/26 WF IWRC
Weight – Lbs.	40 Lbs.
Approx. Dim. Excl. Handle	12" x 9" x 9"
Effort Required on Handle to raise full Load	40 Lbs.



# RELIABLE "Dawn" PRODUCTS

## ★ ALL STEEL HAND WINCHES



This illustration is a typical winch mounting on a tow truck.



**NOTE:—**

On No. 2 - No. 5 Winches provision is made for extending the handle; enabling Winch to be mounted in centre of unit and yet be operated from side of vehicle.

MANUFACTURED TO AND APPROVED BY LIFTS AND CRANES REGULATIONS AND TO S.A.A.  
CRANE AND HOIST CODE

**For Tow Trucks, Carriers, Builders. Structural and Industrial Engineers. Factories, Warehouses, Store Yards, etc.**

### FULLY APPROVED FOR MOUNTING ON VEHICLES

Constructed throughout of High Grade Electric Cast Steel (minimum 45 ton Tensile strength) designed without keys or set screws to shear or strip.

Generously proportioned anti-friction White Metal Bearings.

No. 2 and No. 5 Winches are fitted with an Automatic Safety Load Brake which applies, whilst under load, immediately the operator releases the winding handle.

Construction of these Winches, if maximum amount of Cable is required allows the operator to disengage the pinon, thereby giving free run out of Cable, obviating manual winding.

Another feature of these Winches is the simplicity of operation whether raising or lowering by just turning the handle in the direction required without manually releasing any locking mechanism.

The Brake is of a Weston Screw type so designed that at no stage or position can the Double Acting Pawl be disengaged; therefore the Pawl does not rely on a spring for engagement (this ensures maximum safety).

Brake Lining is of selected disc fibre giving maximum wear and efficiency. Water or oil will not impair Brake operation.



# RELIABLE "Dawn" PRODUCTS

## ★ "DAWN" INDUSTRIAL FANS



A COMPREHENSIVE RANGE TO SUIT  
EVERY PURPOSE IN INDUSTRY



### VENTILATION FANS:

Axial-Flow Fans	.....	2 sizes 15" & 18"
Enclosed Propellers	.....	5 sizes 18" to 48"
Open Propellers	.....	5 sizes 18" to 48"
Split-Hub Propellers	.....	5 sizes 25" to 48"
Multi-Vanes	.....	13 sizes 6" to 36"
Diaphragm Types	.....	5 sizes 14" to 24"

### EXHAUST FANS:

Cast Iron Exhausters	.....	6 sizes 2½" to 6"
Mill Exhausts	.....	8 sizes 9" to 24"

### PRESSURE BLOWERS:

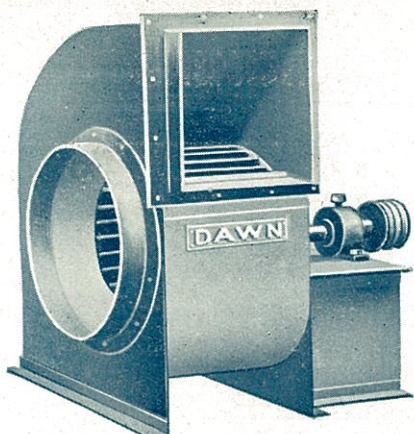
Cast Iron Pressure Blower	.....	2 sizes 1F and 2F
Oil-Burner Blowers	.....	7 sizes 3FS to 9FS
Cupola Blowers	.....	7 sizes C1 to C7
High Pressure Blowers	unlimited range up to	5000 CFM @ 5 PSI.

### SPECIAL PURPOSE FAN:

We welcome the opportunity to quote for the manufacture of Fans for any industrial application which may not be satisfied by a standard Fan.



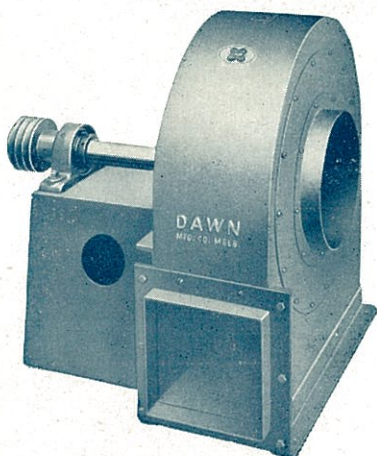
# RELIABLE "Dawn" PRODUCTS



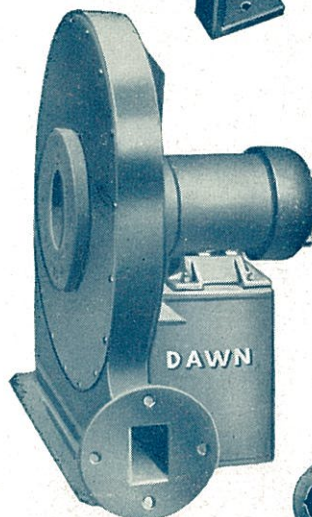
Multi-Vane Fans



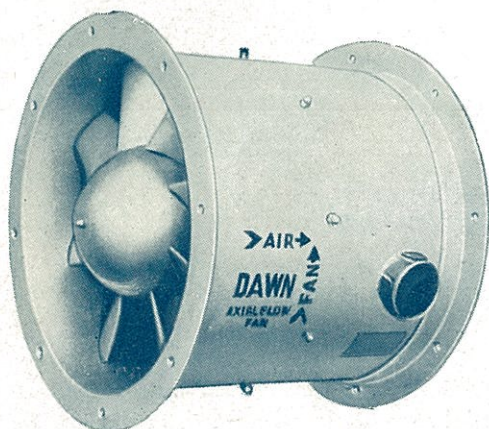
Cast Iron Exhaust Fans



Mill Exhaust Fans

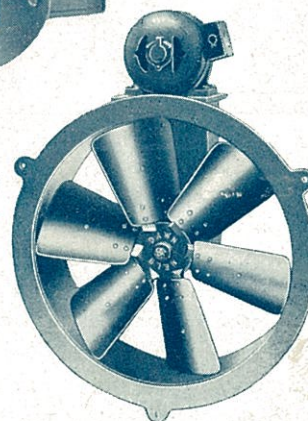


Pressure Blowers



— Axial - Flow  
Fans

Enclosed Propeller  
Fans —



Illustrated are a few of the vast range of "DAWN" Fans. For further information regarding your particular requirements, contact: DOUGLAS R. BEER, 232 KING STREET, MELBOURNE — 67 6474 or your local "DAWN" Agent.



# RELIABLE "Jan" PRODUCTS

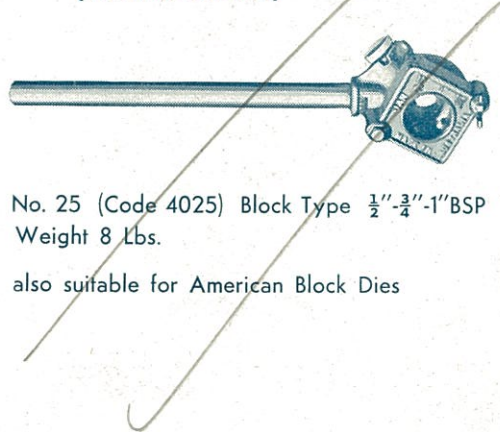
## ★ RATCHET SCREWING SETS



No. 26 - (Code 4026) -  $\frac{1}{2}$ " -  $\frac{3}{4}$ " BSP Wt. 9Lbs.  
 No. 27 - (Code 4027) -  $\frac{1}{2}$ " -  $\frac{3}{4}$ " - 1" BSP Wt. 11Lbs.

- Acclaimed by plumbers throughout Australia as the most accurate, easiest-to-operate, lightweight and compact pipe threader available.
- Ideal for close corners... will cut really smooth, clean threads quickly and accurately even with swinging space reduced to 30°
- Engineered chaser dies make for cleaner threads with half the effort.
- Chaser dies can be sharpened quickly - accurately - for repeated use over many years.

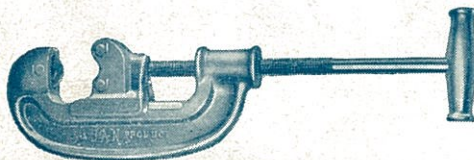
## ★ RATCHET SET (SQUARE BLOCK TYPE)



No. 25 (Code 4025) Block Type  $\frac{1}{2}$ " -  $\frac{3}{4}$ " - 1" BSP  
 Weight 8 Lbs.

also suitable for American Block Dies

## ★ PIPE CUTTER

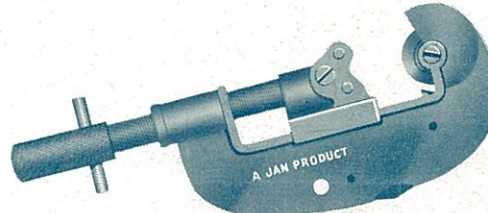


No. 28 (Code 4028) Weight 3½ Lbs.  
 No. 28/6 Spare Wheels are readily available.  
 (Packed in 1 Doz. Lots).

### HEAVY DUTY PIPE CUTTER

A  $\frac{1}{2}$ " - 2" capacity tool, designed and built to withstand continuous, gruelling hard work. Extra strong magnesium alloy construction and hardened steel thread insert make light work of heavy cutting.  
**FULLY GUARANTEED.**

## ★ TUBE CUTTER



No. 49 (Code 4049) Weight 4 ozs.  
 No. 49/6 Spare Wheels (Packed 1 Doz. Lots)

### LIGHT DUTY TUBE CUTTER

A precision-built tool,  $\frac{1}{8}$ " - 1" capacity, for cutting copper, brass, aluminium and thin steel tubings. Strong magnesium alloy casting and steel thread insert guarantee long working life. Press button operation flicks out a reamer blade which returns neatly after use.  
**FULLY GUARANTEED.**

Spare parts for all "JAN" products are readily available.



# RELIABLE "Jan" PRODUCTS



## ★ STRAP WRENCH

No. 50 (Code 4050) Weight 8 ozs.

$\frac{1}{2}$ " - 2" Capacity.

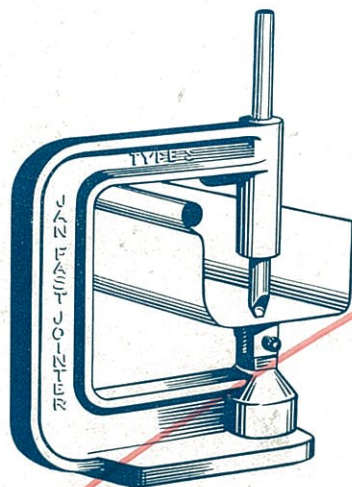
With Alloy Handle and Woven Strap to obviate marking Chrome plated fittings.



## ★ CHAIN WRENCH

No. 53 (Code 4053)  
Weight Packed 2Lbs.

$\frac{1}{2}$ " - 4" Capacity.



## ★ FAST JOINTER

No. 55 (Code 4055) Weight 9 Lbs.

Jan Fast Jointer Spouting Tool Type "S"

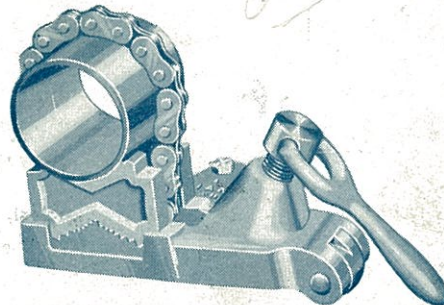
Considered by Plumbers as the most efficient means of joining spouting.

## ★ CHAIN PIPE VICE (TOP SCREW)

No. 31 (Code 4031) 2" Capacity Weight 8Lbs  
No. 32 (Code 4032) 4" Capacity Weight 14 $\frac{1}{2}$ Lbs

No more barked knuckles! The Chain Vice with clamp handle above the bench for quicker, easier operation. Screw exerts maximum pressure on the pivoted lever, transferring tremendous pressure on the pipe by medium of the chain.

The only pipe vice fitted with fully machined reversible and replaceable heat treated jaws.





# RELIABLE "Jan" PRODUCTS

## ★ FOLDING VICE STAND



No. 54 (Code 4054)

No. 54/31 (Code 4054-31)  
Stand complete with 2" Jan Chain Vice

No. 54/32 (Code 4054-32)  
Stand complete with 4" Jan Chain Vice

Weight (Stand only) 31 Lbs.

### PORTABLE FOLDING VICE STAND

Saves operator's time and effort. Sets up, takes down easily . . . quickly. Extremely rigid and durable, yet weighs only 31 lbs. All one unit. No loose parts. Has large size vice base for easy mounting of Jan Chain Type or other vices. FULLY GUARANTEED.

## ★ UNIVERSAL VEE BLOCK JAWS

No. 48 (Code 4048) Weight 2 $\frac{3}{4}$  Lbs.

A very handy tool for use with conventional engineers vice to facilitate the holding of pipe etc.



## ★ LINK TYPE CAST IRON PIPE CUTTER

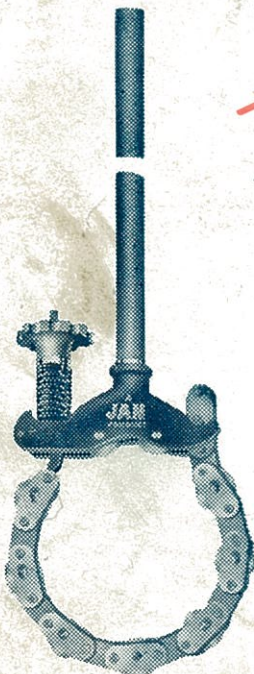
No. 51 (Code 4051) Weight 6 $\frac{1}{2}$  Lbs.

51/6 Spare wheels available. Packed in 1 doz lots.

### 2" - 6" CAPACITY CAST IRON PIPE CUTTER

The lightest, fastest and most compact C.I. pipe cutter on the market. By adding links and wheel units, cutting capacity may be increased to handle pipes up to 12" diameter.

FULLY GUARANTEED.







The P.T. Toggle Clamp range illustrated in this catalogue are manufactured by

---

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TELEGRAMS & CABLES: "DAWNVICES" MELBOURNE

REGISTERED OFFICE:

57 KEELE STREET, COLLINGWOOD, VICTORIA, AUSTRALIA, 3066.

---

. . . together with the following tools . . .



"DAWN"

VICES for:

ENGINEERS - CARPENTERS - PLUMBERS - HANDYMEN  
G-CLAMPS - SASH CLAMPS - Q.A. CLAMPS - DRILLING MACHINES \*  
JACKS - POLISHING HEADS - EMERY DRESSERS - WINCHES

---



INDUSTRIAL FANS for:

VENTILATION - CONVEYING - COMBUSTION, Etc.

---



PLUMBERS TOOLS \* \*

RATCHET THREADERS - PIPE AND TUBE CUTTERS - FAST JOINTERS  
STRAP AND CHAIN WRENCH - PIPE VICES  
VEE BLOCK JAWS - VICE STANDS \*

---



HAND WINCHES \*

ELECTRIC WINCHES \*

HYDRAULIC JACKS \*

CRANE CRABS \*

PULLEY BLOCKS \*

TRAVELLING TROLLEYS \*

LIFTING PLATFORMS \*

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